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TI Method for performing photopolarization of filling adhesive materials hardening under light
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PA Russia
SO Russ., No pp. given
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LA Russian
IC ICM A61N005-067
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CC 63-7 (Pharmaceuticals)
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
RU 2178320	ICM	A61N005-067
	ICS	A61K006-083

AB The method involves use of laser radiation. Low intensity laser radiation of 0.473 .mu.m wavelength and 15-20 mW is applied for hardening filling adhesive materials in pulsating mode with internal resonance duplication at 50-60 Hz frequency and exposure time equal to 60-120 s by delivering laser radiation by means of a **flexible glass** fiber light-guide to the root canal orifice. This results in reliable and durable sealing of dentinal tubules and dental root canals.
ST dental adhesive photopolarization laser radiation light guide
IT Dental materials and appliances
(adhesives; photopolarization of filling adhesive materials hardening under laser light)